Index of Claims

| Application No. | Applicant(s)      |
|-----------------|-------------------|
| 10/695,996      | MIYAMORI, TAKASHI |
| Examiner        | Art Unit          |

Kenneth S KIM'

2111

| \<br>- | Rejected |
|--------|----------|
| =      | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cl          | aim      | Date             |              |          |          |   |          |          |   |          | Claim Date                                       |          |          |                |          |   |          |                         |                         | CI       | aim | Data        |            |          |          |                         |          |           |          |          |          |          |
|-------------|----------|------------------|--------------|----------|----------|---|----------|----------|---|----------|--|----------|----------|----------------|----------|---|----------|-------------------------|-------------------------|----------|-----|-------------|------------|----------|----------|-------------------------|----------|-----------|----------|----------|----------|----------|
|             |          |                  |              |          | Jak      | <del>-</del>  | т -      | Т        | $\dashv$  |          |  |          |          |                |          |   | _        |                         | aim                     | Date     |     |             |            |          |          |                         |          |           |          |          |          |          |
| Final       | Original | 2/205            |              |          |          |   |          |          |   |          | Final  | Original |          |                |          |   | į        |                         |                         |          |     | Final       | Original   |          |          |                         |          |           |          |          |          |          |
|             | 1        |                  |              |          |          |   |          |          |   |          |  | 51       |          |                |          |   |          | T                       |                         |          | 1   |             | 101        |          |          | 7                       |          |           |          |          |          | М        |
|             | 2        |                  |              |          |          |   |          |          |   |          |  | 52       | _        |                |          |   | 寸        | 寸                       | 寸                       | $\dashv$ | 1   |             | 102        |          | $\vdash$ | 1                       |          |           |          | $\Box$   |          |          |
|             | 3        |                  |              |          |          |   |          | П        |   | 7        |  | 53       |          |                |          |   | $\neg$   | 7                       | ヿ                       |          | ٦   |             | 103        |          |          | 7                       |          |           |          | $\Box$   |          |          |
|             | 4        |                  |              |          |          |   |          |          |   |          |  | 54       |          |                |          |   |          | $\dashv$                | $\neg$                  |          | 7   |             | 104        |          |          | 7                       |          |           |          | П        | $\neg$   |          |
|             | 5        |                  |              |          |          |   |          |          |   |          |  | 55       |          |                |          |   |          | $\neg$                  | $\neg$                  | $\neg$   |     |             | 105        |          |          | 7                       |          |           |          |          | $\neg$   |          |
|             | 6        |                  |              |          |          |   |          |          |   |          |  | 56       |          |                |          |   |          | $\neg$                  |                         | $\neg$   | 1   |             | 106        |          |          | T                       |          |           |          | П        | $\neg$   |          |
|             | 7        |                  |              |          |          |   |          |          |   |          |  | 57       |          |                |          |   |          |                         | T                       |          | 1   |             | 107        |          |          | 寸                       |          |           |          | П        |          | П        |
|             | 8        |                  |              |          |          |   |          |          |   |          |  | 58       |          |                |          |   |          | Т                       | T                       | $\neg$   |     |             | 108        |          | П        | ╗                       |          |           |          | П        |          |          |
|             | 9        |                  |              |          |          |   |          |          |   |          |  | 59       |          |                |          |   | $\Box$   | T                       |                         |          | ]   |             | 109        |          |          | ヿ                       |          | -         |          |          |          |          |
|             | 10       |                  |              |          |          |   |          |          |   |          |  | 60       |          |                |          |   |          |                         |                         |          | 7   |             | 110        |          |          |                         |          |           |          |          |          |          |
|             | 11       |                  |              |          |          |   |          |          |   |          |  | 61       |          |                |          |   |          |                         |                         |          | ]   |             | 111        |          |          |                         |          |           |          |          | $\neg$   | П        |
|             | 12       |                  |              |          |          | Ш   |          | Ш        | $\Box$  | _        |  | 62       |          |                |          |   |          |                         |                         |          |     |             | 112        |          |          |                         |          |           |          |          |          |          |
|             | 13       | Ш                |              |          |          |   |          | Щ        |   | _        |  | 63       |          |                |          |   | $\Box$   |                         |                         |          |     |             | 113        |          |          | I                       |          |           |          |          |          |          |
| <u> </u>    | 14       |                  |              |          |          |   |          | Ш        | $\dashv$  | _        |  | 64       |          |                | $\perp$  | _   |          | $\perp$                 |                         |          |     |             | 114        |          |          |                         |          |           |          |          |          |          |
|             | 15       |                  |              |          |          | Ш   |          | Ш        | $\perp$   | _        |  | 65       |          | Ц              | _        | _   |          | _                       |                         |          | _   |             | 115        |          |          | _                       |          |           |          |          |          |          |
| ļ           | 16       |                  |              |          |          |   |          | Ш        | $\dashv$  | _        |  | 66       |          |                |          | _   | _        | 4                       | _                       |          | 1   |             | 116        |          | Ш        | $\perp$                 |          |           |          |          |          |          |
| <u> </u>    | 17       |                  |              |          | Ш        |   |          |          | _   | _        |  | 67       |          |                |          | _   |          | _                       | _                       |          | 4   |             | 117        |          | Ш        | $\perp$                 |          |           |          | Ш        |          |          |
|             | 18       | Ш                |              |          |          | Н   |          | Ш        | _   | _        |  | 68       |          | _              | _        | _   | _        | $\perp$                 | _                       |          | 4   |             | 118        |          |          | _                       |          |           |          | $\Box$   | $\Box$   |          |
|             | 19       |                  |              |          |          |   | _        | Ш        | 4   |          |  | 69       |          | _              | _        |   | _        | 1                       | _                       | _        | 4   |             | 119        |          |          | _                       |          |           | ·        |          |          |          |
|             | 20       | _                |              |          |          | Ш   |          | Ш        | _   | 4        |  | 70       |          | _              | _        | _   | _        | _                       | $\dashv$                | _ _      | _   |             | 120        |          |          | _                       |          | _         |          | $\Box$   |          | ┙        |
|             | 21       | Ÿ                | _            |          | _        |   | _        | <u> </u> | 4   | _        |  | 71.      |          | _              | _        | 4   | _        | 4                       | 4                       |          | _   |             | 121        |          |          | 4                       | _        | _         | $\Box$   |          |          |          |
|             | 22       | +                | _            |          | $\dashv$ | $\dashv$  |          | $\vdash$ | 4   | _        |  | 72       | $\dashv$ | _              | _        | _   | 4        | 4                       | _                       | _        | 4   |             | 122        | 4        | _ .      | 4                       | _        |           |          | $\dashv$ | _        | _        |
| <u> </u>    | 23<br>24 | Н                |              | _        |          | _   | $\dashv$ | $\vdash$ | $\dashv$  |          |  | 73       | _        | _              | _        | _   | 4        | 4                       | _                       | +        | 4   |             | 123        | _        | $\perp$  | 4                       | _        | _         |          |          | _        |          |
| $\vdash$    | 25       | +                |              | _        |          | -   | -        | $\vdash$ | $\dashv$  | -1       | <del></del>                                      | 74       | _        | _              | _        | -   | -        | 4                       | +                       |          | 4   | $\vdash$    | 124        | _        | $\perp$  | 4                       | _        |           |          | _        | _        |          |
|             | 26       | +                | -            | -        | -        | -   | $\dashv$ | $\vdash$ | -   | -        | $\vdash$   | 75<br>76 | -        | -              | $\dashv$ | $\dashv$  | +        |                         | 4                       |          | 4   | $\vdash$    | 125        | _        | $\dashv$ | $\perp$                 |          | _         |          | $\dashv$ |          | _        |
| $\vdash$    | 27       | +                | $\neg$       | -        | -        |   |          | Н        | $\dashv$  | $\dashv$ | -  | 77       |          | -              | ┥        | $\dashv$  | -+       | +                       | $\dashv$                | +        | 4   | <b></b>     | 126        | $\dashv$ |          | 4                       |          | -         | -        | $\dashv$ | 4        | 4        |
| $\vdash$    | 28       | +                | $\dashv$     | -        |          | $\dashv$  |          | H        | $\dashv$  | $\dashv$ |  | 78       | $\dashv$ | $\dashv$       | $\dashv$ | $\dashv$  | $\dashv$ | +                       | $\dashv$                | -        | -   | $\vdash$    | 127        | $\dashv$ | -        | +                       |          | $\dashv$  | _        | $\dashv$ | -        | 긕        |
|             | 29       | +                | $\dashv$     | -        |          | $\dashv$  | -        | $\vdash$ | $\dashv$  | $\dashv$ | <b>-</b>   | 79       | $\dashv$ | $\dashv$       | -        | $\dashv$  | -+       | +                       | +                       |          | ┨   |             | 128        | $\dashv$ | +        | $\dashv$                | _        |           | $\dashv$ |          | $\dashv$ | $\dashv$ |
| <del></del> | 30       | H                | -            | $\dashv$ | -        | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ |  | 80       |          | $\dashv$       | -+       | $\dashv$  | +        |                         | +                       |          | ┨   | $\vdash$    | 129<br>130 |          | +        | +                       | _        |           | $\dashv$ | $\dashv$ | $\dashv$ |          |
|             | 31       | +                | $\dashv$     | $\dashv$ | ᅱ        | $\dashv$  | $\dashv$ | $\dashv$ | -+  | $\dashv$ | 1  | 81       | $\dashv$ | $\dashv$       | $\dashv$ |   | $\dashv$ | +                       | $\dashv$                | +        | -   | ┝╌┥         | 131        | $\dashv$ |          | +                       |          | $\dashv$  | $\dashv$ | +        | $\dashv$ | -        |
|             | 32       | +                | $\dashv$     | ┪        | _        | -   |          | $\dashv$ | $\dashv$  | $\dashv$ | 1  | 82       | ᅱ        | $\dashv$       | +        | +   | $\dashv$ | +                       | +                       | +        | 1   | $\vdash$    | 132        | $\dashv$ |          | +                       | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|             | 33       | Н                |              | $\dashv$ |          | - 1   | $\dashv$ |          | $\dashv$  | -        |  | 83       | $\dashv$ | $\dashv$       | +        | ╅   | +        | $\dashv$                | +                       | +-       | ┨   | <b></b>     | 133        | -        |          | +                       | $\dashv$ |           | $\dashv$ | -+       | $\dashv$ | $\dashv$ |
|             | 34       | 11               | $\neg$       | 寸        | $\dashv$ | _   | $\dashv$ |          | 十   | _        | <del>                                     </del> | 84       |          | $\dashv$       | $\dashv$ | -   |          | ╅                       | +                       | ╅        | ┨   | <del></del> | 134        | -+       |          | +                       | $\dashv$ |           | $\dashv$ | -+       | $\dashv$ | $\dashv$ |
|             | 35       | 11               | $\neg$       | 寸        |          | _   | _        |          | $\dashv$  | ┪.       | 1  | 85       | $\dashv$ | $\dashv$       | -        | $\dashv$  | $\dashv$ | $\dashv$                | +                       | +-       | ┪   | $\vdash$    | 135        | -        | $\dashv$ | ╅                       | -        | -         | -        | $\dashv$ | $\dashv$ | $\dashv$ |
|             | 36       | 11               |              |          | T        |   | _        |          | $\dashv$  | _        | $\vdash$   | 86       | $\dashv$ | 寸              | $\dashv$ | $\dashv$  | $\top$   | +                       | 十                       | +        | 1   | -           | 136        | $\dashv$ | - -      | +                       | $\dashv$ | -         | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|             | 37       | Ħ                | $\neg$       |          | T        |   |          | $\dashv$ | 十   | _        |  | 87       | 1        | $\neg \dagger$ | $\dashv$ | $\dashv$  | $\top$   | +                       | _                       | +        | 1   |             | 137        | +        | $\dashv$ | +                       | +        | $\dashv$  | -        | $\dashv$ | $\dashv$ | ㅓ        |
|             | 38       | T                | ヿ゙           |          | $\dashv$ | $\exists$   | $\neg$   |          | 寸   | ┫.       |  | 88       | _        | $\dashv$       |          | 7   | $\dashv$ | +                       | ╅                       | _        | 1   | <del></del> | 138        | _        | $\dashv$ | +                       | ┪        | -         | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|             | 39       | П                |              |          |          |   | $\neg$   | $\neg$   | $\neg$  | 7        |  | 89       | T        | _              |          | ヿ   | 十        | $\dashv$                | $\top$                  |          | 1   |             | 139        | _        | $\dashv$ | +                       | $\dashv$ | -         |          | 十        | 十        | ᅱ        |
|             | 40       | T                |              |          |          |   |          |          |   | _        |  | 90       | 寸        | _              | ┪        | 一   | $\dashv$ | $\top$                  | 十                       | $\top$   | 1   |             | 140        | $\dashv$ | $\dashv$ | +                       | 寸        | 7         | 7        | 十        | $\dashv$ | $\dashv$ |
|             | 41       | П                |              | コ        | 丁        | $\neg \uparrow$   | 丁        |          |   |          |  | 91       |          | $\neg$         | $\neg$   | 寸   | $\top$   | T                       | $\top$                  | $\top$   | 1   |             | 141        | $\dashv$ | $\top$   | +                       | 一        | _         | 寸        | 十        | 7        | ᅥ        |
|             | 42       | $\prod$          |              |          | $\Box$   | 丁   |          |          |   |          |  | 92       | 寸        | $\neg$         | $\neg$   | $\neg$  | $\dashv$ | $\neg$                  | $\top$                  | $\top$   | 1   |             | 142        | 7        | $\neg$   | +                       | 寸        | 一         |          | $\dashv$ | $\dashv$ | $\dashv$ |
|             | 43       | $oldsymbol{\Pi}$ |              |          |          | 丁   |          |          |   |          |  | 93       |          |                | $\neg$   | 一   | 7        | _                       | $\dashv$                | $\top$   | 1   |             | 143        | $\neg$   | 十        | $\top$                  | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | ヿ        |
|             | 44       | П                |              |          |          |   |          |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |          |  | 94       |          | . ]            |          | I   | $\Box$   |                         |                         |          | ]   |             | 144        | $\neg$   |          | 1                       | $\dashv$ | $\exists$ |          | $\dashv$ | $\dashv$ | ヿ        |
|             | 45       | П                |              |          |          | $oldsymbol{ol}}}}}}}}}}}}}}}$ | _]       | $\Box$   | $oxed{I}$   |          |  | 95       |          |                |          |   | T        | $\Box$                  | $\Box$                  |          | ]   |             | 145        | 寸        | 丁        | T                       | $\neg$   | $\neg$    | $\neg$   | $\dashv$ | $\dashv$ | $\neg$   |
| ]           | 46       | $\prod$          | $\Box$       | $\Box$   | $\Box$   | $\Box$  | $\Box$   |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |          |  | 96       | $\Box$   |                |          |   |          |                         |                         |          | ]   |             | 146        | 丁        |          |                         | _1       | ┪         |          | 寸        | 寸        | ヿ        |
|             | 47       | 41               | $\downarrow$ | $\perp$  | $\dashv$ |   | [        | _[       | $\perp$   | _        |  | 97       | $\Box$   |                |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $\perp$  | $\Box$                  |                         |          | ]   |             | 147        |          |          | $oxed{T}$               |          |           | J        | J        | $\Box$   | $\Box$   |
| $\perp$     | 48       | Щ                |              | _        |          | _   |          | _        |   | _        |  | 98       |          |                |          | $\Box$  | $\perp$  | $oldsymbol{\mathbb{L}}$ | $oldsymbol{\mathbb{I}}$ |          |     |             | 148        |          |          | Ι                       |          | 丁         |          | $\Box$   | 丁        | П        |
|             | 49       | 4                | _            | 4        |          | _   | _        |          |   | 4        |  | 99       |          | $\perp$        | _[       | ┙   | $\perp$  | $\perp$                 | $\perp$                 |          |     |             | 149        | $\Box$   | $\Box$   | $oldsymbol{\mathbb{I}}$ |          |           |          |          | $\Box$   |          |
|             | 50       | V                |              |          |          |   |          | $\perp$  |   | ┙        |  | 100      |          |                |          |   |          |                         |                         |          |     | 1 T         | 150        | T        | T        | Π                       | Т        | Т         | П        | Т        | Т        | $\neg$   |